

SAI CHANDRA MOULI TADIPARTHI

Mobile: **9994721141** eMail: **tsaimouli1999@gmail.com**

Portfolio: **sachmo99.github.io/portfolio**

Objective

A budding software engineer seeking opportunity for an internship as a *software development engineer* or related in an intriguing corporate environment that focuses on innovative out-of-box products and challenging projects, to learn and enhance one's own skills while making a significant contribution to the success of the company.

Education

<u>Degree:</u> <ul style="list-style-type: none">• <u>Course:</u> BTech in Computer Science and Engineering• <u>University:</u> Amrita Vishwa Vidyapeetham, Ettimadai• <u>Period:</u> 2017 -2021• <u>CGPA:</u> 9.49/10 (Upto 5th semester)	<u>Higher Secondary Education</u> <ul style="list-style-type: none">• <u>Stream / Subjects:</u> Maths, Physics and Chemistry• <u>Institution:</u> Narayana Junior College, Kakinada (Board of Intermediate Education, Andhra Pradesh)• <u>Period:</u> 2015-2017• <u>Marks / Grade:</u> 975/1000 (97.5%)
<u>Secondary Education</u> <ul style="list-style-type: none">• <u>Institution:</u> Narayana e-Techno School, Kakinada• <u>Period:</u> 2013-2015(9th and 10th)• <u>Board:</u> Board of Secondary Education(SSC), AP• <u>Grade:</u> 9.8/10(10th SSC)	<u>Primary Education</u> <ul style="list-style-type: none">• <u>Institution:</u> St. Rita High School, Hyderabad• <u>Period:</u> 2005-2013(1st to 8th standard)• <u>Board:</u> Board of Secondary Education, AP

Areas of Technical Interest:

- Web and app development
- Networks and Cybersecurity (special interest in web, forensics)
- Cloud Computing
- Internet of Things

Projects

- ❑ **Topic:** *Safe Passage - Volunteers India Corona Software*
 - ❑ **Duration:** March'2020 - April'2020
 - ❑ **Objective:** To ease the issuance of travel passes by various departments using authenticated and authorized personnel during the corona crisis.
 - ❑ **Tools or techniques used:** Django, DRF, google-cloud, firebase
 - ❑ **Role:** developed google-gcp connecting scripts and database schemas.
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- ❑ **Topic:** *Quiz App (Academic Project for Software Engineering subject)*
 - ❑ **Duration:** November'2019 - January'2020
 - ❑ **Objective:** A Quiz Application for students and faculty for working on academic quizzes.
 - ❑ **Tools or techniques used:** MERN stack, Github Actions and workflows, MongoCloud.
 - ❑ **Role:** DevOps engineer and Security Tester.
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- ❑ **Topic:** *Amrita EventLog (Academic project under Java and OOPS subject)*
 - ❑ **Duration/Period:** 2018
 - ❑ **Objective:** An Android App to gather and display details of all ongoing events in Amrita University
 - ❑ **Tools or techniques used:** Android Studio, Firebase
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- ❑ **Topic:** *Corona Medical Resources Statistics Website - Volunteers India Corona Software*
(<https://github.com/VICS-CORE/covid-api.git>)
 - ❑ **Duration:** April'2020
 - ❑ **Objective:** To display statistics of available medical resources in India (District wise). The details are gathered using volunteers across the country and our task is to aggregate them and make them presentable.
 - ❑ **Tools:** Nodejs, cronjobs in linux
 - ❑ **Role:** To write and deploy scheduled scripts to collect data from google spreadsheet and format them into structured json bodies with district and state-level aggregates.

Other Technical Qualification:

1. Intel EDGE Computing course from Udacity
 2. CCNA certified in ROUTING and SWITCHING (89.5% score)
 3. Android Basics certification from Udacity
 4. Certifications by Cisco on
 - Cybersecurity Essentials
 - Cisco Dev_Net API design workshop
 - Fundamentals of IoT.
 5. Pluralsight - AWS IoT Fundamentals certification
 6. Pluralsight - course on Usage of GHidra: reverse engineering tool to analyse binaries
- Has adequate knowledge in
- MERN stack(using both RDS and Non-RDS)
 - socket.io
 - Android Studio,
 - python, core java
 - Flask, Django

Achievements, Scholarships, Honours, Contribution, etc:

Participated in various CTFs like HACKCON, XIOMARA CTF(by AMRITA), CODEFEST-CTF by IIT-bhu(rank 109), BCACTF, GOOGLE BEGINNER'S QUEST CTF, AFFINITY CTF by akamai group(ranked 76 of 450) under team EXPLOIT_IT (<https://ctftime.org/team/82868>)

· Contribution - **Technical Head** of CSE and one of the question setters for contest Figure-em-all in Anokha Techfest'2020. (Amrita's Annual Technical Fest)

· Achievement - **Runners up** in Honeywell **SLAC Hackathon** (August 2019)
· Details: Trained a model to segregate audible voice clips using bi-directional LSTM from an audio stream obtained from radio conversations.

· *Attended ACM Summer School on CyberSecurity and Data Analytics at IIITD in July 2019.*

· Achievement - One of the branch toppers of CSE in 2017-18

· Contribution - Elected Executive office member of ASCII and CSI clubs in Amrita (2019-present)

· Scholarship - Recipient of AmritaNidhi scholarship for AEEE rank (AIR 399) - (2017 to present)

· Achievement - Winner of academic excellence awards in 11th and 12th standards (2015-2017)

Extra Curricular Activities:

- Contributed to NSS Amrita, sahaya club for social service,
- Member of ASCII and CSI clubs of CSE Dept
- Conducted a **workshop on Cybersecurity** topics and popular attacks like SQLInjections, tools like Wireshark, Nmap etc.,
- Volunteer for ICPC contest management - 2019

Personal details

· Date of Birth: 29 July, 1999

· Language proficiency: Telugu, Hindi and English

· Hobbies / Interests: Reading novels, playing keyboard, playing badminton and football

· Contact Address: G.305,Vasistha Bhavan, Amrita School of Engineering, Amrita Vishwa Vidyapeetham, Ettimadai, Tamil Nadu-641112

· Permanent Address: D.no: 7-4-23, Seshasai street,Ramaraopeta, Kakinada, AP-533004

I hereby declare that the above mentioned details are true to the core of my knowledge and any mistakes are unintentional.

Place: Amrita School of Engineering, Ettimadai

Date: 04 March, 2020

Signature

T Sai Chandra Moul